

# SMARTFLOORINGS

INDUSTRIAL & DECORATIVE SOLUTIONS

by KDF Greece







**high mechanical resistance**



# INDUSTRIAL FLOORINGS

## POLYURETHANE-BASED CAST FLOORINGS

### POLFLOOR-PU 807 - Polyurethane two-component sealing coat

Clear or colored deep-impregnation sealing varnish, suitable for substrates with light to medium traffic. Prevents dust creation and decay, hardens and protects cement-based surfaces and provides adequate resistance to oils, grease, acids, alkalis. Applied on dry surfaces only.

**Recommended for parking lots, workshops, factories, warehouses, terraces etc.**

**Colors:** clear, grey, indian red, green, ochre, light blue, blue.

**Consumption:** 250-600 gr/m<sup>2</sup> in two coatings, depending on the type and roughness of the substrate.

### POLYPRIME PU 882

Polyurethane, one-component primer, for the adhesion of all polyurethane industrial systems on cement substrates such as UNIFLOOR PU 884, POLCOAT PU FLEX 885 and ELASTOPOL -PU 883. Applied on dry exterior and interior surfaces.

**Recommended primer for all the polyurethane-based industrial coverings.**

**Colors:** clear.

**Consumption:** 250-600 gr/m<sup>2</sup> in two coatings, depending on the type and roughness of the substrate.

### UNIFLOOR PU 884 - Polyurethane, self-leveling, two-component floor coating

Colored, industrial, resilient floor coating suitable for indoor and outdoor dry areas with light to medium traffic. Prevents dust creation and decay, creates an easy-to clean, maintenance-free seamless surface meeting health standards, protects cement-based surfaces and provides a surface with superior resistance to abrasion, oils, fats, grease, acids, alkalis.

Primed with **POLYPRIME PU 882**.

**Recommended for food industries, dairy factories, slaughterhouses, waste treatment plants, pharmaceutical plants, workshops, supermarkets, labs, warehouses etc.**

**Colors:** RAL 7035, RAL 7036, RAL 7046, RAL 7032, RAL 9016, RAL 9011, RAL 3013, RAL 5015, RAL 6032, RAL 6034, RAL 1015, RAL 1001 and on request in other RAL colors.

**Consumption:** 1.2kg/m<sup>2</sup>/mm.





### **POLCOAT PU FLEX 885 - Elastic, polyurethane, self-leveling, two-component floor coating**

Colored, industrial elastic floor coating suitable for indoor and outdoor dry areas with light to medium traffic. Prevents dust creation and decay, creates an easy-to clean, maintenance-free surface meeting health standards, protects cement-based surfaces and provides an elastic surface with superior resistance to abrasion, oils, fats, grease, acids, alkalis. Primed with **POLYPRIME PU 882**.

**Recommended for cooling chambers, food industries, dairy factories, slaughterhouses, waste treatment plants, pharmaceutical plants, workshops, supermarkets, labs, warehouses and in general for areas that require elastic flooring due to low temperature conditions.**

**Colors:** RAL 7035, RAL 7036, RAL 7046, RAL 7032, RAL 9016, RAL 9011, RAL 3013, RAL 5015, RAL 6032, RAL 6034, RAL 1015, RAL 1001 and on request in other RAL colors.

**Consumption:** 1.30kg/m<sup>2</sup>/mm.

### **ELASTOPOL-PU 883 - Polyurethane, self-leveling, heavy-duty, two-component floor coating**

Colored, industrial, resilient flooring suitable for indoor and outdoor dry floors with heavy traffic. Creates a seamless, jointless flooring, prevents dust creation and decay, creates an easy-to clean, maintenance-free surface meeting health standards, protects cement-based surfaces and provides a surface with superior resistance to abrasion, oils, fats, grease, acids, alkalis. Primed with **POLYPRIME PU 882**.

**Recommended for food industries, dairy factories, slaughterhouses, waste treatment plants, pharmaceutical plants, workshops, warehouses, supermarkets, labs etc., as well as areas with vibrating machinery.**

**Colors:** RAL 7035, RAL 7036, RAL 7046, RAL 7032, RAL 9016, RAL 9011, RAL 3013, RAL 5015, RAL 6032, RAL 6034, RAL 1015, RAL 1001 and on request in other RAL colors.

**Consumption:** 1.50kg/m<sup>2</sup>/mm.

### **POLFLOOR-AS 809 - Polyurethane anti-scratch varnish**

Applied on concrete, marble surfaces, acid-stains or acrylic-stains floorings preventing dust creation as well as on epoxy surfaces as transparent varnish, offering UV resistance and anti-scratch properties and mat or glossy surface.

**Colors:** clear.

**Consumption:** 150-200 gr/m<sup>2</sup> in two or three layers, depending on the type of the substrate.



# IMPREGNATING PAINTS FOR FLOORINGS

## POLEPOX-DP 815 - Epoxy, dust proof, two-component impregnation paint

Clear or colored deep-impregnation epoxy resin. Creates a dustproof, colored surface suitable for indoor substrates with light to medium traffic. Prevents decay, creates an easy-to clean, maintenance-free seamless surface, hardens and protects cement-based surfaces creating a jointless flooring and provides superior resistance to abrasion, oils, fats, grease, acids, alkalis. Applied on dry surfaces only.

**Recommended for workshops, factories, warehouses, parking lots etc.**

**Colors:** clear, RAL 7035, RAL 7004, RAL 7046, RAL 3013, RAL 6024, RAL 1015.

**Consumption:** 200-500 gr/m<sup>2</sup> in two coatings, depending on the type and roughness of the substrate.

## EPOXY MATERIALS FOR FLOORINGS & SPECIAL USE

### POLEPOX-PR 824 - Epoxy, solvent-based, two-component primer

Applied to saturation point in two or more layers on dry indoor surfaces to be coated with different **KDF** epoxy coatings or mortars. Ensures perfect adhesion of the epoxy system on the substrate and especially on power-troweled surfaces.

**Recommended for closed-porous surfaces.**

**Colors:** clear.

**Consumption:** 250-500 gr/m<sup>2</sup>, depending on the type and roughness of the substrate.

### POLEPOX VISCO-PR 825 - Epoxy, solvent-based, viscous two-component primer

Applied to saturation point in two or more layers on dry indoor surfaces to be coated with different **KDF** epoxy coatings or mortars. Ensures perfect adhesion of the epoxy system on the substrate and especially on power-troweled surfaces.

**Recommended for porous surfaces.**

**Colors:** clear.

**Consumption:** 250-500 gr/m<sup>2</sup>, depending on the type and roughness of the substrate.

### POLEPOX-PR 832-SF - Epoxy, solvent free, two-component primer

Applied to saturation point in two or more layers on dry indoor surfaces to be coated with different **KDF** epoxy coatings or mortars. Ensures perfect adhesion of the epoxy system on the substrate.

**Recommended for priming closed areas such as cooling chambers.**

**Colors:** clear.

**Consumption:** 250-600 gr/m<sup>2</sup>, depending on the type and roughness of the substrate.

### PLASTICOAT CLEAR 850 - Epoxy, clear, two-component resin

Used for sealing and smoothening decorative floorings. It is also used for creating clear decorative floorings in thickness 4-5mm with the ability to insert small thin objects like coins or flakes.

**Colors:** clear.

**Consumption:** 1kg/m<sup>2</sup>/mm

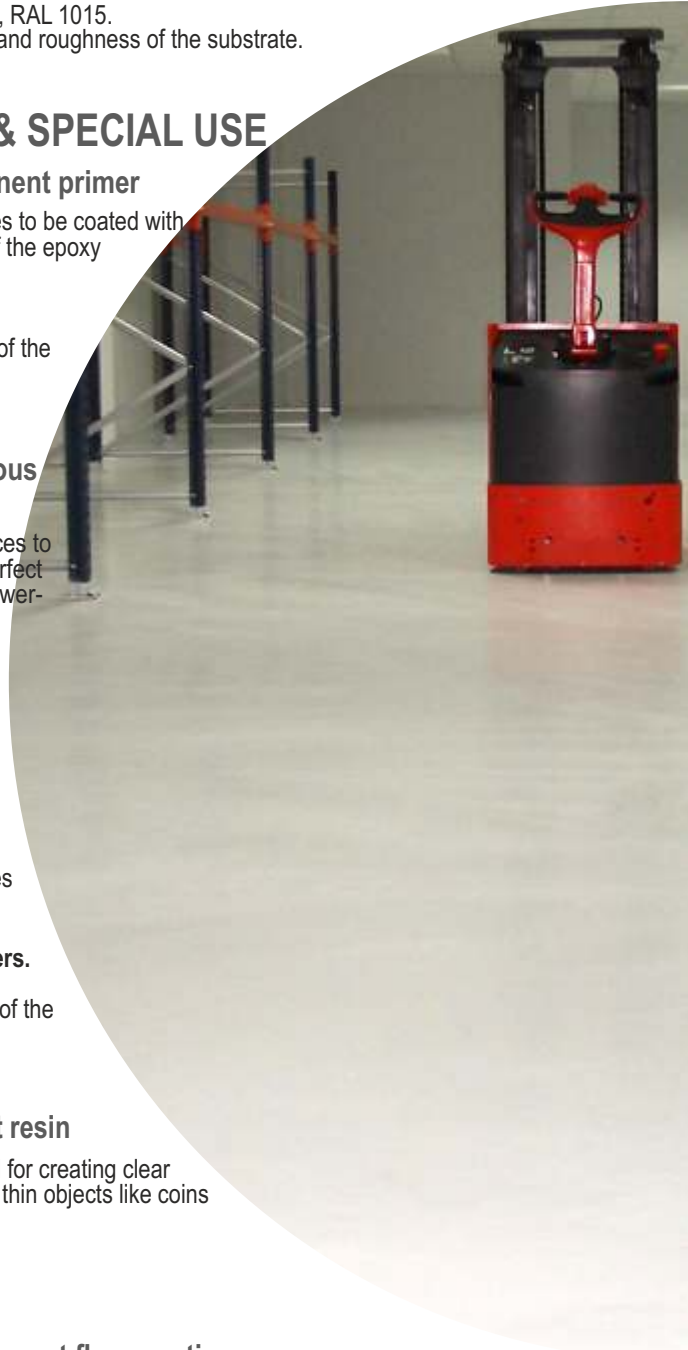
### POLEPOX COAT 814 - Epoxy, self-leveling, two-component floor coating

Colored, industrial hard coating, suitable for indoor areas with light to medium traffic. Prevents dust creation and decay, creates an easy-to clean, maintenance-free, seamless flooring, meeting health standards, protects cement-based surfaces and provides a hard surface with superior resistance to abrasion, oils, fats, grease, acids, alkalis.

**Recommended for food industries, dairy factories, slaughterhouses, waste treatment plants, pharmaceutical plants, workshops, supermarkets, etc.**

**Colors:** RAL 7035, RAL 7036, RAL 7046, RAL 7032, RAL 9016, RAL 9011, RAL 3013, RAL 5015, RAL 6034, RAL 1015, RAL 1001 and on request in other RAL colors.

**Consumption:** 0.8-1Kg/m<sup>2</sup> for 0.6-0.8mm as paint for light traffic or 1.5 Kg/m<sup>2</sup> for 1-1.2mm as coating for medium traffic.



## POLEPOX-OP 811 - Epoxy, orange peel textured, two-component coating

Colored, industrial hard coating, suitable for indoor areas with light to medium traffic. Prevents dust creation and decay, creates an easy-to clean, maintenance-free, seamless flooring, meeting health standards, protects cement-based surfaces and provides a hard surface with superior resistance to abrasion, oils, fats, grease, acids, alkalis.

**Recommended for food industries, dairy factories, slaughterhouses, waste treatment plants, pharmaceutical plants, workshops, supermarkets, labs, warehouses, etc.**

**Colors:** RAL 7035, RAL 7036, RAL 7046, RAL 7032, RAL 9016, RAL 9011, RAL 3013, RAL 5015, RAL 6034, RAL 1015, RAL 1001 and on request in other RAL colors.

**Consumption:** 1.50 kg/m<sup>2</sup>.

## POLEPOX COAT 873-EL - Epoxy, elastic, self-leveling, two-component floor coating

Colored, industrial hard coating, suitable for indoor areas with light to medium traffic which need permanent flexibility or will operate in low temperatures. Prevents dust creation and decay, creates an easy-to clean, maintenance-free seamless flooring, meeting health standards, protects cement-based surfaces and provides a resilient surface with superior resistance to abrasion, oils, fats, grease, acids, alkalis.

**Recommended for cooling chambers, food industries, dairy factories, waste treatment and pharmaceutical plants, workshops, warehouses, supermarkets, labs, and generally areas that need flexible flooring and/or will operate in low temperatures.**

**Colors:** RAL 7035, RAL 7036, RAL 7046, RAL 7032, RAL 9016, RAL 9011, RAL 3013, RAL 5015, RAL 6034, RAL 1015, RAL 1001 and on request in other RAL colors.

**Consumption:** 0.8-1Kgr/m<sup>2</sup> for 0.6-0.8mm as paint for light traffic or 1.5 Kg/m<sup>2</sup> for 1-1.2mm thickness as coating for medium traffic.

## POLEPOX THIXOCOAT 816 - Epoxy, solvent-free, hygienic, two-component coating

Colored, thixotropic, industrial hard coating suitable for indoor areas with light to medium traffic. Suitable for direct contact with food products as well as potable water. Prevents dust creation and decay, creates an easy-to clean, maintenance-free, seamless flooring, hardens and protects cement-based surfaces and provides superior resistance to abrasion, oils, fats, grease, acids, alkalis.

**Recommended for coating oil/wine/water tanks, workshops, waste treatment plants, dairy factories, slaughterhouses, pharmaceutical plants, food industries, supermarkets, etc.**

**Colors:** RAL 7035, RAL 7036, RAL 7046, RAL 7032, RAL 9016, RAL 9011, RAL 3013, RAL 5015, RAL 6034, RAL 1015, RAL 1001 and on request in other RAL colors.

**Consumption:** 0.4-0.6 kg/m<sup>2</sup> for walls, 1.3-1.5 kg/m<sup>2</sup> on floors.

## POLEPOX FLOOR 817 - Epoxy, self-leveling, heavy duty, three-component flooring

Colored, industrial hard flooring suitable for indoor dry floors with heavy traffic. Creates a seamless, jointless flooring, prevents dust creation and decay, creates an easy-to clean, maintenance-free flooring meeting health standards, protects cement-based surfaces and provides a hard surface with superior resistance to abrasion, oils, fats, grease, acids, alkalis.

**Recommended for food industries, dairy factories, slaughterhouses, waste treatment plants, pharmaceutical plants, workshops, warehouses, supermarkets, labs etc.**

**Colors:** RAL 7035, RAL 7036, RAL 7046, RAL 7032, RAL 9016, RAL 9011, RAL 3013, RAL 5015, RAL 6034, RAL 1015, RAL 1001 and on request in other RAL colors.

**Consumption:** 3 Kg/m<sup>2</sup> 1.8-2mm, 4 Kg/m<sup>2</sup> 2.5-3mm.

## POLEPOX FLOOR RESINS 817

Epoxy resins (two components) to be mixed with 18kg of **POLEPOX FLOOR QUARTZ 849** or quartz sand of grain thickness 0.1-0.3mm to create **POLEPOX FLOOR 817**.

**Colors:** RAL 7035, RAL 7036, RAL 7046, RAL 7032, RAL 9016, RAL 9011, RAL 3013, RAL 5015, RAL 6032, RAL 6034, RAL 1015, RAL 1001 and on request in other RAL colors.

**Consumption:** 1.50 Kg/m<sup>2</sup> 1.8-2mm, 2 Kg/m<sup>2</sup> 2.5-3mm.

## POLEPOX FLOOR 874-EL - Epoxy, elastic, self-leveling, three-component, heavy-duty flooring

Colored, industrial hard flooring suitable for indoor dry floors with heavy traffic which need permanent flexibility or will operate in low temperatures. Creates a seamless, jointless flooring, prevents dust creation and decay, creates an easy-to clean maintenance-free flooring meeting health standards, protects cement-based surfaces and provides a resilient surface with superior resistance to abrasion, oils, fats, grease, acids, alkalis.

**Recommended for cooling chambers, food industries, dairy factories, slaughterhouses, waste treatment plants, labs, pharmaceutical plants, workshops, warehouses, supermarkets, and generally areas that need flexible flooring and/or will operate in low temperatures.**

**Colors:** RAL 7035, RAL 7036, RAL 7046, RAL 7032, RAL 9016, RAL 9011, RAL 3013, RAL 5015, RAL 6034, RAL 1015, RAL 1001 and on request in other RAL colors.

**Consumption:** 1.65 Kg/m<sup>2</sup>/mm, 3.30 Kg/m<sup>2</sup>/1.8-2mm.

## WATER-BASED EPOXY MATERIALS FOR FLOORINGS

### POLEPOX-PR 826-W - Epoxy, water-based, two-component primer

Applied to saturation point in two or more layers on indoor surfaces that **POLEPOX COAT 827-W** and **POLEPOX FLOOR 840-W** will be applied on. Ensures perfect adhesion of the water-based epoxy systems on the substrate.

**Recommended for wet substrates.**

**Colors:** Clear.

**Consumption:** 250-600 gr/m<sup>2</sup>, depending on the type and condition of the substrate.

### POLEPOX COAT 827-W - Epoxy, water-based, selfleveling, two-component floor coating

Colored, industrial hard coating suitable for indoor areas with light to medium traffic. Prevents dust creation and decay, creates an easy-to clean, maintenance-free, seamless flooring meeting health standards, protects cement-based surfaces and provides a mat, hard surface with superior resistance to abrasion, oils, fats, grease, acids, alkalis.

**Recommended for food industries, dairy factories, workshops, slaughterhouses, supermarkets, labs, waste treatment plants, pharmaceutical plants, supermarkets, warehouses, labs etc.**

**Colors:** RAL 7035, RAL 7036, RAL 7046, RAL 7032, RAL 9016, RAL 9011, RAL 3013, RAL 5015, RAL 6034, RAL 1015, RAL 1001 and on request in other RAL colors.

**Consumption:** 250-600 gr/m<sup>2</sup>, depending on the absorptivity of the substrate.

### POLEPOX FLOOR 840-W - Epoxy, water-based, self-leveling, three-component heavy-duty flooring

Colored, industrial hard flooring suitable for indoor floors with heavy traffic. Creates a seamless, jointless flooring prevents dust creation and decay, creates an easy-to clean maintenance-free flooring meeting health standards, protects cement-based surfaces and provides a mat, hard surface with superior resistance to abrasion, oils, fats, grease, acids, alkalis.

**Recommended for food industries, dairy factories, slaughterhouses, waste treatment plants, pharmaceutical plants, workshops, warehouses, supermarkets, labs etc.**

**Colors:** RAL 7035, RAL 7036, RAL 7046, RAL 7032, RAL 9016, RAL 9011, RAL 3013, RAL 5015, RAL 6034, RAL 1015, RAL 1001 and on request in other RAL colors.

**Consumption:** 3.4 Kg/m<sup>2</sup>/1.8-2mm, 4.6 Kg/m<sup>2</sup>/2.5-3mm.



## FAST CURING MATERIALS FOR FLOORING

### POLEPOX COAT 834-F - Epoxy, fast curing, self-leveling, two-component epoxy floor coating

Colored, industrial hard coating suitable for indoor areas with light to medium traffic. Prevents dust creation and decay, creates an easy to clean, maintenance-free, seamless surface, meeting health standards, protects cement-based surfaces and provides a hard surface with superior resistance to abrasion, oils, fats, grease, acids, alkalis. It dries in less than 18 hours at 5°C.

**Recommended for coatings in food industries, dairy factories, slaughterhouses, waste treatment and pharmaceutical plants, workshops, supermarkets, labs, warehouses, etc.**

**Colors:** RAL 7035, RAL 7036, RAL 7046, RAL 7032, RAL 9016, RAL 9011, RAL 3013, RAL 5015, RAL 6034, RAL 1015, RAL 1001 and on request in other RAL colors.

**Consumption:** 0.8-1Kg/m<sup>2</sup> for 0.6-0.8mm as paint for light traffic or 1.5 Kg/m for 1-1.2mm as coating for medium traffic.

### POLEPOX FLOOR 837-F - Epoxy, fast curing, self-leveling, heavy duty, three-component mortar

Colored, industrial hard flooring suitable for indoor dry floors with heavy traffic. Creates a seamless, jointless flooring, prevents dust creation and decay, creates an easy-to clean, maintenance-free surface meeting health standards, protects cement-based surfaces and provides a hard surface with superior resistance to abrasion, oils, fats, grease, acids, alkalis. It dries in less than 18 hours at 5°C.

**Recommended for food industries, dairy factories, slaughterhouses, waste treatment and pharmaceutical plants, workshops, warehouses, labs, supermarkets, etc.**

**Colors:** RAL 7035, RAL 7036, RAL 7046, RAL 7032, RAL 9016, RAL 9011, RAL 3013, RAL 5015, RAL 6034, RAL 1015, RAL 1001 and on request in other RAL colors.

**Consumption:** 1.5 Kg/m<sup>2</sup>, 3 Kg/m<sup>2</sup>, 4 Kg/m<sup>2</sup>

### POLEPOX FLOOR RESINS 837

Fast epoxy resins (two components) to be mixed with quartz sand of grain thickness 0.1-0.3mm to create **POLEPOX FLOOR 837-F**.

**Colors:** RAL 7035, RAL 7036, RAL 7046, RAL 7032, RAL 9016, RAL 9011, RAL 3013, RAL 5015, RAL 6034, RAL 1015, RAL 1001 and on request in other RAL colors.

**Consumption :** 0.83 Kg/m<sup>2</sup>, 1.65 Kg/m<sup>2</sup>, 2.2 Kg/m<sup>2</sup>

## CONDUCTIBLE EPOXY MATERIALS FOR FLOORING

### POLEPOX 833-CV - Two-component, antistatic epoxy varnish containing graphite powder

It offers strong bonding to the substrate and good conductivity that prevents the accumulation of static electricity on surfaces. It is used as an intermediate layer before **POLEPOX COAT 830-CC** to ensure uniform conductivity on the whole floor surface.

**Colors:** black.

**Consumption:** 300-400gr/m<sup>2</sup>

### POLEPOX COAT 830-CC - Two-component, antistatic, self-leveling epoxy floor

Colored, industrial hard conductive coating suitable for indoor areas with light to medium traffic, applied in areas that require static electricity control. Provides conductivity of 10<sup>2</sup>-10<sup>10</sup> Ohm. Prevents dust creation and decay, creates an easy to clean, maintenance-free, seamless surface meeting health standards, protects cement-based surfaces and provides a hard surface with superior resistance to abrasion, oils, fats, grease, acids, alkalis.

**Recommended for hospitals, computer rooms, laboratories, printing houses, textile mills, gas stations, power stations, ammunition warehouses etc.**

**Colors:** RAL 7035, RAL 7036, RAL 7046, RAL 7032, RAL 9016, RAL 9011, RAL 3013, RAL 5015, RAL 6034, RAL 1015, RAL 1001 and on request in other RAL colors.

**Consumption:** 1.5kg/m<sup>2</sup>

# DECORATIVE FLOORINGS

## CAST OUTDOOR DECORATIVE FLOORINGS

### POLYESTER MARMOR FLOOR 804 - Decorative flooring for indoor and outdoor use

Consists of hard quartz aggregates and two-component epoxy or polyurethane resins. Provided in two grades (0.5-1.8mm, 2-4mm). Combines perfectly with the wall coating **POLYESTER MARMOR PASTE 404**. Primed with the two-component epoxy primer **POLEPOX PR 824** (indoor use) or **POLYPRIME PU 882** (outdoor use). After application, surface is treated with the mix of the epoxy resins of **POLYESTER MARMOR FLOOR 804** (indoor use) or **POLFLOOR PU 807** (outdoor use) for stabilization. For indoor use, additional coating with the special varnish **PLASTICOAT 850** is recommended for sealing and smoothing. **Recommended for hotels, shopping centers, swimming pool surroundings, city squares and generally areas where high mechanical resistance and superior aesthetics are required.**

**Colors:** indicative color chart of 24 colors.

### DECOQUARTZ - Decorative flooring for cycling tracks and outdoor use

Consists of colored quartz aggregates (in granulometry of 0.7-1.2mm) and two-component polyurethane resins in multiple layers. After the final layer, surface is treated with **POLFLOOR PU 807** top coat, keeping the slip-resistant effect of the quartz grains. In case a smooth surface is needed it can be totally plasticized by the use of **PLASTICOAT 850**.

**Recommended for cycling tracks, for floors, ramps, stairs, in surrounding areas of swimming pools, in city squares, factories, hotel corridors and landscape areas etc., and generally areas where superior aesthetics and mechanical resistance are required.**

**Colors:** 12 colors of aggregates.

## CAST INDOOR DECORATIVE FLOORINGS

### POLART FLOOR 1211

Colored, smooth or textured, in-situ applied cast decorative cement-based flooring. Possesses superior strength and can satisfy the most demanding requirements in aesthetics, style and uniqueness. It creates a uniform, roomy floor with the possibility of either shiny or mat final surface look, imparted by special synthetic resins used on the top. It can come in endless versions in shade, texture or design, depending on the application technique, providing at the same time high strength and durability. For unique style, it can be treated with **KDF Acrylic Stains** to create artistic designs and stylish shades.

**Recommended mainly for indoor surfaces in commercial, business and recreational areas like exhibition halls, galleries, hotel lobbies, restaurants, malls, shops, offices, kitchen counters.**

Provided in liquid form (resins+improvers) to be mixed with cement to prepare the ready-to-apply **POLART FLOOR** mixture.

**Colors:** indicative color chart of 30 colors.

**Consumption:** approx. 7.5kg/m<sup>2</sup> for thickness of 3-4mm.

### EPOXY DESIGN

Epoxy-based, self-leveling, three-component decorative flooring with special transparent or semi-transparent pigments and colored quartz aggregates with fine granulometry. It creates a uniform flooring with many possibilities in designs.

**Recommended for clubs, bars, lobbies, malls, any kind of shops and super markets, hotels and also for houses and villas for indoor use.**





## POLART ACRYLIC STAINS

Colored, smooth or textured, in-situ applied cast decorative cement-based flooring. It is treated with special acrylic stains to create unique artistic designs and stylish shades. Possesses superior strength and can satisfy the most demanding requirements in aesthetics, style and uniqueness. It creates a uniform floor with the possibility of either shiny or mat final surface look, imparted by special synthetic resins used on the top. It can come in endless versions in shade, texture or design, depending on the application technique, providing at the same time high strength and durability.

**Recommended mainly for indoor surfaces in commercial, business and recreational areas like exhibition halls, galleries, hotel lobbies, restaurants, malls, shops, offices, kitchen counters.**

**Colors:** POLART FLOOR colors plus 6 shades for acrylics stains.

**Consumption:** 5kg per square meter for POLART FLOOR and 0,2 kg per square meter for the acrylic stains.

## ACRYLIC STAINS

Acrylic based, penetrating stain used to color old or new concrete. Provides a translucent, permanent color with shaded marbled effect, similar to the appearance of aged natural stone. It's rich diverse finish will not peel, crack, chip or fade from UV. Can also be used on stamped concrete or microtopping POLART FLOOR or over knock-down floorings.

**Recommended for residential or commercial applications such as hotels, entryways, restaurants, showrooms, patios, pool decks, basement and garage floors, kitchen counters.**

## POLYFLAKE 1210

Colored, epoxy or polyurethane decorative artistic in situ-applied flooring with embedded colored chips/flakes, for residential, commercial or exhibition areas. Creates a high-aesthetics, durable flooring for indoor and outdoor areas.

**Recommended for commercial, business and recreational areas like conference halls, night clubs, hotels, beach bars, shops.**

**Colors:** background color chart - RAL 7035, RAL 7036, RAL 7046, RAL 7032, RAL 9016, RAL 9011, RAL 3013, RAL 5015, RAL 6032, RAL 6034, RAL 1015, RAL 1001.

**Consumption:** 0.8-1 kg/m<sup>2</sup> for thickness 0.6-0.8mm and 50-250gr/m<sup>2</sup> chips/flakes depending on the desired result.

## POLEPOX METALLIC

Epoxy-based, unique, self-leveling, three-component decorative flooring with special metallic pigments to create a brilliant, vivid, one-of-a-kind floor. Can be customized to produce unique, metallic-look, light-reflective floors.

**Recommended for commercial, business and recreational areas like conference halls, night clubs, hotels, restaurant, beach bars, shops, malls, show rooms, medical facilities, kitchen counters.**

**Consumption:** 1,5-2kg per square meter.

## POLEPOX DECOR 1218 - Iridescent epoxy coating

Colored, decorative flooring in different shades and a big variety of patterns, depending on the tool of application. It is applied in smooth, dry, internal surfaces of cement in the desirable nuance. Different colors can be mixed together to create unique effects.

**Recommended only for internal surfaces requiring high aesthetics such as shops, exhibition spaces, hotels.**

**Colors:** Red brown, gold, bronze.

**Consumption:** approx. 1.5kg/m<sup>2</sup> for thickness 1mm.

# WATERPROOFING MATERIALS FOR ROOFTOPS AND WALLS

## **AKRYLAT 602 - Brushable waterproofing liquid membrane**

Elastomeric acrylic coating with high elasticity and durability. Seals and paints facades and north walls. Primed with **AKRYLEX 165 1101** or by 30% solution of itself with water.

**Colors:** white and on request for quantities over 300Kg.

**Consumption:** 0.6-1 Kg/m<sup>2</sup> in three layers (primer and two sealing layers), depending on the roughness of the surface.

## **FLEXOSEAL 613 - Polyurethane waterproofing liquid membrane**

Elastic, long lasting coating in paste form for sealing and painting. It can work in extreme temperatures due to its superior flexibility.

**Recommended for sealing and painting north walls, sloping rooftops, facades and cement roofs.**

**Colors:** white, red, grey

**Consumption:** 1.4kg/m<sup>2</sup>/mm

## **DECOSEAL 612 - Ready to use, silicone-based, water-repellent transparent coating**

Waterproofing impregnation coating. Provides long protection against the negative effects of water assault. Suitable for waterproofing of tile joints as well.

**Recommended for waterproofing unpainted facades, decorative bricks, artificial and natural stone, fair-faced concrete, unpainted plaster or masonry, gypsum-based plaster boards and in general any surface with open pores.**

**Colors:** clear.

**Consumption:** 0.1-0.3 kg/m<sup>2</sup>, depending on the application.







# STRENGTHENING REPAIRING MATERIALS INJECTABLE RESINS

## EPOXY PUTTIES

### EPOFIX-H 207 - Epoxy, two-component putty for horizontal surfaces

Applied on dry surfaces in 1-15 mm thickness and in thin top screed joints up to 70mm deep. Provides superior adhesion and increased resistance to future decay, acids, oils and grease. Meets international hygienic standards. Available in two grades, depending on the applied thickness. Also suitable for anchoring steel bars as well as fixing and bonding different materials.

**Recommended for repairing, patching, filling and smoothing out cracks, work joints, top screed expansion joints, holes, cavities and in general defects and irregularities on cement-based horizontal surfaces before applying the final selected epoxy or other synthetic layer.**

**Consumption:** Approx. 1.7kg/m<sup>2</sup>, depending on the desirable thickness and roughness of the surface.

### EPOFIX S 214 - Epoxy, two-component putty, squeegee-applied

It is applied very easily thanks to its high fluidity by using a simple squeegee, making it suitable for cases where fast work is required or where large surfaces have to be repaired. Possesses superior adhesion and increased resistance to future decay, acids, oils and grease. Meets international hygienic standards. Provided also in colored version for better coverage of the final coating.

**Recommended for filling and smoothing out cracks, work joints, top screed expansion joints, holes, cavities and in general defects and irregularities on cement-based horizontal surfaces before applying the final selected epoxy or other synthetic layer.**

**Consumption:** approx. 1,5 Kg/m<sup>2</sup>/mm depending on the application.

### EPOGROUT 210 - Industrial tile grout

Three-component, acid proof floor -and- wall epoxy putty with superior mechanical and chemical resistance for filling tile joints in all types and dimensions of industrial, acid proof tiles.

**Recommended for areas with acidic and corrosive environment such as food industries, dairy factories, car repair shops, slaughterhouses, waste-treatment plants, canning factories, etc.**

**Consumption:** 0.6-2 Kg/m<sup>2</sup>, depending on the width of the tile-joint and thickness of the tile.

### EPOFIX-V 209 - Epoxy, two-component putty for vertical surfaces

Provides superior adhesion and increased resistance to future decay, acids, oils and grease. Applied on dry surfaces in 1-15mm thickness. Meets international hygienic standards.

**Recommended for repairing, patching, filling and smoothing out cracks, work joints, holes, cavities and in general defects and irregularities on cement-based vertical surfaces.**

**Consumption:** 1.4kg/m<sup>2</sup>/mm, depending on the application.

### EPOFIX-V 209-F - Epoxy, two-component, fast-curing putty for vertical surfaces

Provides superior adhesion and increased resistance to future decay, acids, oils and grease. Applied on dry surfaces in 1-15mm thickness in cases fast work is required. Meets international hygienic standards.

**Recommended for repairing, patching, filling and smoothing out cracks, work joints, top screed expansion joints, holes, cavities and in general defects and irregularities on cement-based vertical surfaces.**

**Consumption:** 1.4kg/m<sup>2</sup>/mm, depending on the application.

### EPOFIX-G 212 - Epoxy, three-component putty for wall-floor joints

Provides supreme resistance to acids, future decay, oils and grease, high mechanical resistance and superior adhesion. Applied on dry surfaces only. Meets international hygienic standards. Can be coated with **POLE POXCOAT 814**, **POLEPOX FLOOR 817 RESINS** or **POLEPOX-DP 815**.

**Recommended for creating the hygienic grooves on the wall-floor joints in areas such as food industries, warehouses, workshops, waste treatment plants, pharmaceutical plants, factories, dairy factories, slaughterhouses, supermarkets, labs etc.**

**Consumption:** 3 Kg/m<sup>2</sup> for groove with 5 cm sides (on wall and floor).

### EPOXY COAL TAR 211 - Industrial, three-component grout-repairing putty

Flexible, long lasting joint filling and repairing putty possessing superior mechanical and chemical resistance. Consists of epoxy resins and coal tar. Applied on dry surfaces only.

**Recommended for waste-treatments tanks, underground pipes, joint filling in industrial floorings, caulking of precision machinery, bridges, runways.**

**Consumption:** Depending on the desirable thickness and the roughness of the surface.

## INJECTABLE RESINS

### INJEPOX 310 - Epoxy, two-component, injectable, solvent-free resin

Used for resin injections in cracks 0.1-1.0 mm wide in concrete elements, for fixing and anchoring of reinforcement steel bars etc.

**Recommended for filling cracks of concrete with 0,1-1,0 mm thickness as well as for caulking to building elements.**

**Consumption:** Approx. 1,1kg is needed for filling in a volume of 1lt.

### INJEPOX 311 - Epoxy, two-component, injectable, solvent-free resin

Used for resin injections in cracks 0.5-3.0 mm wide in concrete elements, for fixing and anchoring of reinforcement steel bars etc.

**Recommended for filling cracks of concrete with 0,5-3,0 mm thickness as well as for caulking to building elements.**

**Consumption:** Approx. 1,1kg is needed for filling in a volume of 1lt.



# PAINTS & DECORATIVE COATINGS & SPECIAL COATINGS

## SWIMMING POOL PAINTS

### DECOPOOL-PU 157 - Polyurethane-based, two-component, swimming pool paint

It provides a shiny surface with permanent protection against UV radiation. Applied on dry surfaces only.

**Colors:** light blue, dark blue, green and on request.

**Consumption:** 250-600 gr/m<sup>2</sup>, depending on the type and roughness of the substrate.

## SPECIAL COATINGS

### POLEPOX-P 123 - Epoxy, two-component wall paint

Colored, industrial solvent-containing paint. Applied on walls and light traffic floors. Does not require primer. Prevents dust creation and decay, creates an easy-to-clean, maintenance-free surface meeting health standards, hardens and protects cement-based surfaces and provides superior resistance to abrasion, oils, fats, grease, acids, alkalis.

**Recommended for indoor dry cement-based or metal surfaces in food industries, dairy factories, slaughterhouses, waste treatment plants, oil tanks, workshops, pharmaceutical plants, supermarkets, labs, warehouses.**

**Colors:** RAL 7035, RAL 7004, RAL 7046, RAL 3013, RAL 6024, RAL 1015 and on request.

**Consumption:** 300gr/m<sup>2</sup> in two or three layers, depending on the type and roughness of the substrate.

### POLEPOX-AC 154 - Epoxy, anticorrosive, two-component coating

Colored, solvent-based, epoxy coating. It provides excellent protection against corrosion. Creates colored, mat, maintenance-free surface. It provides a hard surface with superior resistance to abrasion, oils, fats, grease, acids, alkalis.

**Recommended for metal surfaces of any kind which are in corrosive environment, like silos, steel bridges, fences, pipes, iron roofs, containers, storehouses etc.**

**Colors:** RAL 7035, RAL 7036, RAL 7046, RAL 7032, RAL 9016, RAL 9011, RAL 3013, RAL 5015, RAL 6032, RAL 6034, RAL 1015, RAL 1001 and upon request for other RAL colors for orders over 50kg.

**Consumption:** 300-400 gr/m<sup>2</sup>.

### POLCOLOR METAL 156 - Polyurethane, two-component, sealing coat for metal surfaces

Clear or colored sealing varnish, suitable for metal surfaces. Offers excellent protection against corrosion, dust creation and decay, hardens and protects metal surfaces and provides adequate resistance to oils, grease, acids, alkalis. Provides a shiny surface with permanent protection against UV radiation. Applied on dry surfaces only.

**Recommended for metal surfaces of any kind which are in corrosive environment, like silos, steel bridges, fences, pipes, iron roofs, containers, storehouses.**

**Colors:** white, grey, red brown, ochre and on request.

**Consumption:** 250-350 gr/m<sup>2</sup>, depending on the type and roughness of the substrate.

### FRIGOPOL 150 - Fungicide coating

Elastic, thixotropic, fungicide sealing paint for refrigeration rooms and cooling chambers with standard temperature and oxygen control. Consists of elastic, polyacrylic resins with fungicide attributes.

**Recommended for painting and sealing panels and cement surfaces in rooms with controlled temperature. It can be used in refrigeration rooms for food products.**

**Colors:** white and on request for more than 500kg.

**Consumption:** 400 gr/m<sup>2</sup> (primer and two layers) on panels, 500-700 gr/m<sup>2</sup> on cement surfaces.



## ANTIGRAFFITY PAINTS

### ANTIGRAF 151 - Polyurethane, two-component anti-graffiti paint

Long-lasting, anti-graffiti paint for exterior and interior surfaces with superior adhesion on concrete, mortars, stone, bricks, marble etc. Possesses supreme durability on external surfaces against rain, UV radiation etc. Easily cleaned after being painted with graffiti by brushing with a cloth and using hot water and market detergents. Eliminates dirt deposition.

**Colors:** white, grey, red-brown, ochre and on request.

**Consumption:** 150-300gr/m<sup>2</sup>, depending on the roughness and absorbency of the surface.

### ANTIGRAF 153 - Silicone-based clear anti-graffiti emulsion

Transparent anti-graffiti emulsion for exterior and interior surfaces with superior adhesion on painted surfaces, concrete, mortars, stone, bricks, marble etc. Possesses adequate durability on external surfaces against UV radiation etc. Easily rinsed after being painted with graffiti by brushing with a cloth and using hot water and market detergents. Then the surface has to be coated again with **ANTIGRAFFITI 153** to restore protection from graffiti. Eliminates dirt deposition.

**Colors:** clear.

**Consumption:** 0.1-0.2 kg/m<sup>2</sup>, depending on the surface.

## DECORATIVE PLASTERS

### TRAVERTINO GRAFIATO 401 - Ready-mixed decorative plaster

White or colored finish coat plaster in pasty form. Consists of PVA/acrylic copolymers, marble aggregates and special improvers. Provided in three grades (1.2-1.8mm, 1.8-2.5mm and 2-3.2mm).

**Recommended for shopping centers, hotels, villas, residential or commercial buildings and generally areas demanding superior aesthetics.**

**Colors:** 24 basic and on request for more than 500kg.

**Consumption:** 3.5-4 Kg/m<sup>2</sup> in one layer at the grain's thickness.

### MARMOR PASTE 404 - Decorative wall coating

White or colored, marble-grain coating in pasty form for interior and exterior walls. Consists of PVA/acrylic copolymers, marble aggregates and special improvers. Combines perfectly with **MARMOR FLOOR 804**. Prime with **MARMOPRIMER 1001**.

**Recommended for shopping centers, hotels, villas, residential or commercial buildings and generally areas demanding high aesthetics.**

**Colors:** indicative color chart of 16 colors.

**Consumption:** 4-5 kg/m<sup>2</sup>, depending on the application technique and the roughness of the surface.

### MARMOPRIMER 1001

Special wall glue for priming the surface before the application of **MARMOR PASTE 404**.

**Consumption:** 250-300 gr/m<sup>2</sup>.





# TOOLS

## **SPOTTY ROLLER 2mm**

For the uniform application of **POLEPOX COAT 814**, **POLEPOX FLOOR 817** and other coatings.

## **SPOTTY ROLLER 4mm**

For the uniform application of **POLEPOX FLOOR 817** and other coatings.

## **NAPPY ROLLER**

For painting **POLEPOX COAT 814**, and other coatings, and for impregnation of floorings with **POLFLOOR-PU 807** and **POLEPOX-DP 815**.

## **SPIKED ROLLER**

For breaking the air-bubbles immediately after the application of **POLEPOX FLOOR 817** and **POLEPOX COAT 814**.

## **HAND FLOAT**

Special hand float for the creation of patterns on the decorative plaster **TRAVERTINO GRAFIATO 401**.

## **SQUEEGEE**

Ideal for applying acrylic coatings. Suitable also for applying the **EPOFIX S 214** epoxy repairing putty.

## **HAND MIXER**

Electronic 2 speed power mixer with a very high level of torque, suitable for all kinds of heavy mixture materials.

## **HUMIDITY METER**

A digital handheld electronic moisture meter, that is designed for the instant and precise measurement of moisture content in concrete and other floors and screeds. It is strongly suggested prior any application on concrete surfaces.

## **TROWEL 1240**

For the application of decorative flooring. The trowel is made of a mixture of light magnesium in order for it to be durable to continuous use.

## **TROWEL 1340**

For the application of wet-pour playground floorings, for the final smoothing and compacting.

## **METALLIC HEATING CYLINDER**

Heated roller for smoothing and compression of playgrounds and sports surface, made by EPDM or SBR granules bound by **PU BINDER 1118**.





**superior aesthetics**





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